

Appl. No. 09/367,794
Amdt. dated November 30, 2004
Reply to Office Action of November 4, 2003

PATENT
018148-000130US

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-43. (Canceled)

44. (Currently amended) A method for targeting a drug to a ~~specific selected~~
sodium ion channel protein, wherein the ~~specific selected~~ protein is a member of a homologous
protein series selected from the group consisting of an ion channel and a membrane receptor,
said method comprising:

contacting said sodium ion channel ~~specific selected~~ protein with a compound
having the formula



wherein:

A is an anchoring moiety that binds selectively, either covalently or
electrostatically, to a first binding site on said sodium ion channel ~~specific selected~~ protein;

L is a linking group; and

D is a compound or drug that binds to a second binding site on said sodium ion
channel ~~specific selected~~ protein, wherein said first binding site and said second binding site are
distinct; and wherein said compound having the formula A-L-D is selected from the group
consisting of

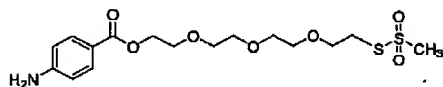
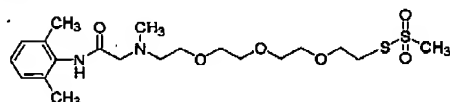
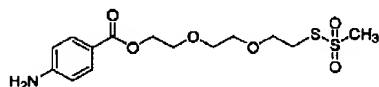
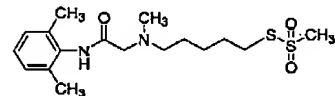
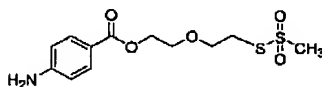
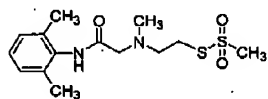
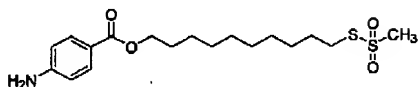
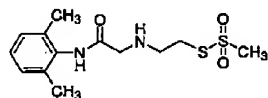
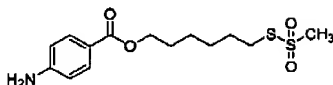
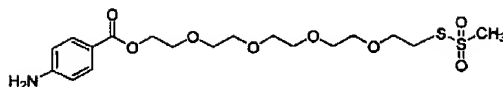
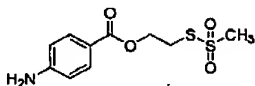
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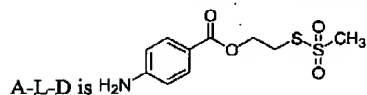
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45-69. (Canceled)

70. (New) The method of claim 44, wherein said compound of formula

A-I-D is H₂N

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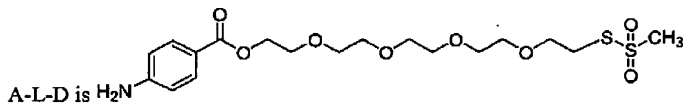
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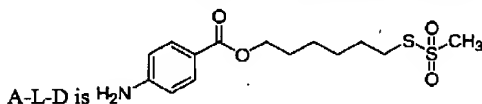
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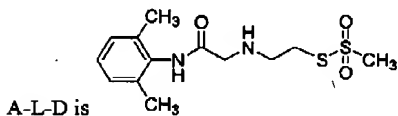
71. (New) The method of claim 44, wherein said compound of formula



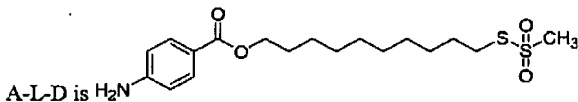
72. (New) The method of claim 44, wherein said compound of formula



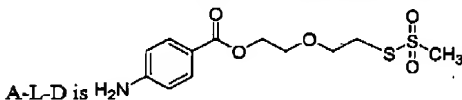
73. (New) The method of claim 44, wherein said compound of formula



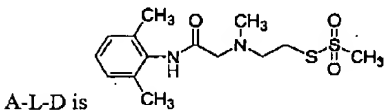
74. (New) The method of claim 44, wherein said compound of formula



75. (New) The method of claim 44, wherein said compound of formula



76. (New) The method of claim 44, wherein said compound of formula



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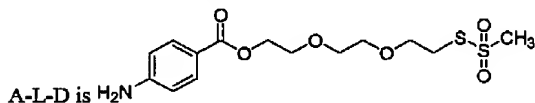
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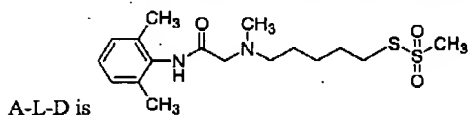
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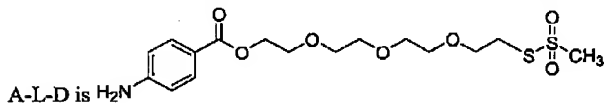
77. (New) The method of claim 44, wherein said compound of formula



78. (New) The method of claim 44, wherein said compound of formula



79. (New) The method of claim 44, wherein said compound of formula



80. (New) The method of claim 44, wherein said compound of formula

